

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RUBEN *et al.*

Appl. No. To Be Assigned
(Continuation of 09/023,082)

Filed: (Herewith)

For: **Keratinocyte Growth Factor-2**

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1448.036000A

Request to Open New Disk File

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants request that a new disk file be opened for the above-cited application. The Sequence Listing disk submitted on **February 5, 1999** in the parent, Application No. **09/023,082**, filed **February 13, 1998** contains the identical sequence information as that in the present application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Andrea Jo Kamage

Andrea Jo Kamage
Agent for Applicants
Registration No. 43,703

Date: *July 1, 1999*

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Washington, D.C. 20005-3934
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P:\USERS\AKAMAGE\CASES\1488\036-A\1488.036000A Open New File

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/345,373DATE: 08/26/1999
TIME: 09:38:16

INPUT SET: S33069.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: RUBEN, STEVEN M.
JIMENEZ, PABLO
DUAN, D. ROXANNE
RAMPY, MARK A.
MENDRICK, DONNA
ZHANG, JUN
NI, JIAN
MOORE, PAUL A.
COLEMAN, TIMOTHY A.
GRUBER, JOACHIM R.
DILLON, PATRICK J.
GENTZ, REINER L.

(ii) TITLE OF INVENTION: KERATINOCYTE GROWTH FACTOR-2

(iii) NUMBER OF SEQUENCES: 148

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
(B) STREET: 1100 NEW YORK AVE, NW, SUITE 600
(C) CITY: WASHINGTON
(D) STATE: DC
(E) COUNTRY: USA
(F) ZIP: 20005-3934

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/345,373
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 09/023,082
(B) FILING DATE:

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/461,195

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/345,373DATE: 08/26/1999
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47 (B) FILING DATE: 05-JUN-1995
48
49 (vii) PRIOR APPLICATION DATA:
50 (A) APPLICATION NUMBER: US 60/023,852
51 (B) FILING DATE: 13-AUG-1996
52
53 (vii) PRIOR APPLICATION DATA:
54 (A) APPLICATION NUMBER: US 60/039,045
55 (B) FILING DATE: 28-FEB-1997
56
57 (vii) PRIOR APPLICATION DATA:
58 (A) APPLICATION NUMBER: US 08/862,432
59 (B) FILING DATE: 23-MAY-1997
60
61 (vii) PRIOR APPLICATION DATA:
62 (A) APPLICATION NUMBER: US 08/910,875
63 (B) FILING DATE: 13-AUG-1997
64
65 (vii) PRIOR APPLICATION DATA:
66 (A) APPLICATION NUMBER: US 60/055,561
67 (B) FILING DATE: 13-AUG-1997
68
69 (viii) ATTORNEY/AGENT INFORMATION:
70 (A) NAME: STEFFFE, ERIC K.
71 (B) REGISTRATION NUMBER: 36,688
72 (C) REFERENCE/DOCKET NUMBER: 1488.0360008/EKS
73
74 (ix) TELECOMMUNICATION INFORMATION:
75 (A) TELEPHONE: 202-371-2600
76 (B) TELEFAX: 202-371-2540
77
78 (2) INFORMATION FOR SEQ ID NO:1:
79
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 627 base pairs
82 (B) TYPE: nucleic acid
83 (C) STRANDEDNESS: double
84 (D) TOPOLOGY: both
85
86 (ii) MOLECULE TYPE: DNA (genomic)
87
88
89 (ix) FEATURE:
90 (A) NAME/KEY: CDS
91 (B) LOCATION: 1..624
92
93
94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
95
96 ATG TGG AAA TGG ATA CTG ACA CAT TGT GCC TCA GCC TTT CCC CAC CTG
97 Met Trp Lys Trp Ile Leu Thr His Cys Ala Ser Ala Phe Pro His Leu
98 1 5 10 15
99

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100	CCC	GGC	TGC	TGC	TGC	TGC	TGC	TTT	TTG	TTG	CTG	TTC	TTG	GTG	TCT	TCC	96
101	Pro	Gly	Cys	Cys	Cys	Cys	Cys	Phe	Leu	Leu	Leu	Phe	Leu	Val	Ser	Ser	
102				20					25					30			
103																	
104	GTC	CCT	GTC	ACC	TGC	CAA	GCC	CTT	GGT	CAG	GAC	ATG	GTG	TCA	CCA	GAG	144
105	Val	Pro	Val	Thr	Cys	Gln	Ala	Leu	Gly	Gln	Asp	Met	Val	Ser	Pro	Glu	
106			35					40					45				
107																	
108	GCC	ACC	AAC	TCT	TCT	TCC	TCC	TCC	TTC	TCC	TCT	CCT	TCC	AGC	GCG	GGA	192
109	Ala	Thr	Asn	Ser	Ser	Ser	Ser	Ser	Phe	Ser	Ser	Pro	Ser	Ser	Ala	Gly	
110		50					55					60					
111																	
112	AGG	CAT	GTG	CGG	AGC	TAC	AAT	CAC	CTT	CAA	GGA	GAT	GTG	CGC	TGG	AGA	240
113	Arg	His	Val	Arg	Ser	Tyr	Asn	His	Leu	Gln	Gly	Asp	Val	Arg	Trp	Arg	
114	65					70					75					80	
115																	
116	AAG	CTA	TTC	TCT	TTC	ACC	AAG	TAC	TTT	CTC	AAG	ATT	GAG	AAG	AAC	GGG	288
117	Lys	Leu	Phe	Ser	Phe	Thr	Lys	Tyr	Phe	Leu	Lys	Ile	Glu	Lys	Asn	Gly	
118					85					90					95		
119																	
120	AAG	GTC	AGC	GGG	ACC	AAG	AAG	GAG	AAC	TGC	CCG	TAC	AGC	ATC	CTG	GAG	336
121	Lys	Val	Ser	Gly	Thr	Lys	Lys	Glu	Asn	Cys	Pro	Tyr	Ser	Ile	Leu	Glu	
122				100					105					110			
123																	
124	ATA	ACA	TCA	GTA	GAA	ATC	GGA	GTT	GTT	GCC	GTC	AAA	GCC	ATT	AAC	AGC	384
125	Ile	Thr	Ser	Val	Glu	Ile	Gly	Val	Val	Ala	Val	Lys	Ala	Ile	Asn	Ser	
126			115					120					125				
127																	
128	AAC	TAT	TAC	TTA	GCC	ATG	AAC	AAG	AAG	GGG	AAA	CTC	TAT	GGC	TCA	AAA	432
129	Asn	Tyr	Tyr	Leu	Ala	Met	Asn	Lys	Lys	Gly	Lys	Leu	Tyr	Gly	Ser	Lys	
130		130					135					140					
131																	
132	GAA	TTT	AAC	AAT	GAC	TGT	AAG	CTG	AAG	GAG	AGG	ATA	GAG	GAA	AAT	GGA	480
133	Glu	Phe	Asn	Asn	Asp	Cys	Lys	Leu	Lys	Glu	Arg	Ile	Glu	Glu	Asn	Gly	
134	145					150					155					160	
135																	
136	TAC	AAT	ACC	TAT	GCA	TCA	TTT	AAC	TGG	CAG	CAT	AAT	GGG	AGG	CAA	ATG	528
137	Tyr	Asn	Thr	Tyr	Ala	Ser	Phe	Asn	Trp	Gln	His	Asn	Gly	Arg	Gln	Met	
138					165					170					175		
139			</														

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153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 208 amino acids
155 (B) TYPE: amino acid
156 (D) TOPOLOGY: linear
157
158 (ii) MOLECULE TYPE: protein
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
161
162 Met Trp Lys Trp Ile Leu Thr His Cys Ala Ser Ala Phe Pro His Leu
163 1 5 10 15
164
165 Pro Gly Cys Cys Cys Cys Cys Phe Leu Leu Leu Phe Leu Val Ser Ser
166 20 25 30
167
168 Val Pro Val Thr Cys Gln Ala Leu Gly Gln Asp Met Val Ser Pro Glu
169 35 40 45
170
171 Ala Thr Asn Ser Ser Ser Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly
172 50 55 60
173
174 Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg
175 65 70 75 80
176
177 Lys Leu Phe Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly
178 85 90 95
179
180 Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu
181 100 105 110
182
183 Ile Thr Ser Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser
184 115 120 125
185
186 Asn Tyr Tyr Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys
187 130 135 140
188
189 Glu Phe Asn Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly
190 145 150 155 160
191
192 Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met
193 165 170 175
194
195 Tyr Val Ala Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr
196 180 185 190
197
198 Arg Arg Lys Asn Thr Ser Ala His Phe Leu Pro Met Val Val His Ser
199 195 200 205
200
201
202 (2) INFORMATION FOR SEQ ID NO:3:
203
204 (i) SEQUENCE CHARACTERISTICS:
205 (A) LENGTH: 36 base pairs

RAW SEQUENCE LISTING
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206 (B) TYPE: nucleic acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: cDNA
211
212
213
214
215 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
216
217 CCCCACATGT GGAAATGGAT ACTGACACAT TGTGCC 36
218
219 (2) INFORMATION FOR SEQ ID NO:4:
220
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 35 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: cDNA
228
229
230
231
232 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
233
234 CCCAAGCTTC CACAAACGTT GCCTTCCTCT ATGAG 35
235
236 (2) INFORMATION FOR SEQ ID NO:5:
237
238 (i) SEQUENCE CHARACTERISTICS:
239 (A) LENGTH: 36 base pairs
240 (B) TYPE: nucleic acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) MOLECULE TYPE: cDNA
245
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
250
251 CATGCCATGG CGTGCCAAGC CCTTGGTCAG GACATG 36
252
253 (2) INFORMATION FOR SEQ ID NO:6:
254
255 (i) SEQUENCE CHARACTERISTICS:
256 (A) LENGTH: 35 base pairs
257 (B) TYPE: nucleic acid
258 (C) STRANDEDNESS: single

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/345,373

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Line	Error	Original Text
16	Response Exceeds Line Limitations	GENTZ, REINER L.

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/345,373

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PRIOR APPLICATION DATA More Identifiers Found Than MAX Allowed

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SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/345,373

DATE: 08/26/1999
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INPUT SET: S33069.raw

Line	Original Text	Corrected Text
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